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OM protein - protein search, using sw model

Run on: June 9, 2003, 07:08:10 ; Search time 146 Seconds  
(without alignments)

Scoring table: BLOSUM62

Gapop 10.0 , Gapext: 0.5

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

**database :**

Published Applications AA:\*

1: /cgm2\_6/prodata/1/pubpaas/US08/NEW\_PUB\_Pep:\*

2: /cgm2\_6/prodata/1/pubpaas/FCT\_NEW\_PUB\_Pep:\*

3: /cgm2\_6/prodata/1/pubpaas/US06/NEW\_PUB\_Pep:\*

4: /cgm2\_6/prodata/1/pubpaas/US05/PUBCOMB\_Pep:\*

5: /cgm2\_6/prodata/1/pubpaas/US07/NEW\_PUB\_Pep:\*

6: /cgm2\_6/prodata/1/pubpaas/US07\_PUBCOMB\_Pep:\*

7: /cgm2\_6/prodata/1/pubpaas/ACTS\_PUBCOMB\_Pep:\*

8: /cgm2\_6/prodata/1/pubpaas/US08\_PUBCOMB\_Pep:\*

9: /cgm2\_6/prodata/1/pubpaas/US09/NEW\_PUB\_Pep:\*

10: /cgm2\_6/prodata/1/pubpaas/US05\_PUBCOMB\_Pep:\*

11: /cgm2\_6/prodata/1/pubpaas/US10/NEW\_PUB\_Pep:\*

12: /cgm2\_6/prodata/1/pubpaas/US10\_PUBCOMB\_Pep:\*

13: /cgm2\_6/prodata/1/pubpaas/US10\_NEW\_PUB\_Pep:\*

14: /cgm2\_6/prodata/1/pubpaas/US60\_PUBCOMB\_Pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

**SUMMARIES**

Result No.	Score	Query %	Match Length	DB ID	Description
1	1979	100.0	377	9	US-10-091-628-2
2	322.5	16.3	438	9	US-10-091-628-5
3	268.5	13.6	335	9	US-09-738-626-4892
4	264.5	13.4	324	9	US-09-738-626-6054
5	142	7.2	65	10	US-09-864-761-46433
6	114	5.8	372	10	US-09-966-871-80
7	114	5.8	372	12	US-10-039-645-80
8	113.5	5.7	772	10	US-09-935-799A-2
9	105	5.3	324	9	US-09-738-626-6866
10	104.5	5.3	687	10	US-09-529-663-73
11	103.5	5.2	304	9	US-09-738-626-6200
12	103.5	5.2	557	9	US-10-120-604-100
13	103.5	5.2	687	9	US-10-120-604-6
14	103.5	5.2	687	12	US-10-011-370-2
15	103	5.2	697	9	US-09-989-919-108
16	103	5.2	146	10	US-09-824-734-2
17	102.5	5.2	734	9	US-09-738-626-4227
18	101	5.1	370	10	US-09-823-114-21

**ALIGNMENTS**

RESULT 1  
US-10-091-628-2

Sequence 2, Application US/10091628  
; Sequence 2, Application US/10091628  
; Patent No. US20020164627A1  
; GENERAL INFORMATION:  
APPLICANT: Wilganowski, Nathaniel L.  
APPLICANT: Nepomnyach, Boris  
APPLICANT: Burnett, Michael B.  
APPLICANT: Hu, Yil  
TITLE OF INVENTION: No. US20020164627A1 Human Transporter Proteins and Polynucleotides  
FILE REFERENCE: LX-0314.USA  
CURRENT APPLICATION NUMBER: US/10/091, 628  
PRIORITY APPLICATION NUMBER: US 60/275, 009  
PRIORITY FILING DATE: 2001-03-12  
PRIORITY APPLICATION NUMBER: US 60/284, 152  
PRIORITY FILING DATE: 2001-04-17  
NUMBER OF SEQ ID NOS: 6  
SOFTWARE: FastSEQ for Windows Version 4.0  
SEQ ID NO 2  
LENGTH: 377  
TYPE: PRT  
ORGANISM: Homo sapiens

US-10-091-628-2

Query Match 100.0%; Score 1979; DB 9; Length 377;  
Best Local Similarity 100.0%; Pred. No. 2.1e-173; Mismatches 377; Conservative 0; Indels 0; Gaps 0;

QY 1 MRANCSSAACPANSSEELPVGLEVHGNELVFLVVSTWNGLIMFSLGSVEIRKLS 60  
Db 1 MRANCSSAACPANSSEELPVGLEVHGNELVFLVVSTWNGLIMFSLGSVEIRKLS 60

QY 61 HIRRPWGIAVGLLCFGLMPTAYVATISFSLKPQVQAVTLVINGCCGGTISNIFTWVD 120  
Db 61 HIRRPWGIAVGLLCFGLMPTAYVATISFSLKPQVQAVTLVINGCCGGTISNIFTWVD 120

QY 121 GDMDSISMTCTSWTAALGMPICLYWMSWQNLTPYQONGITIVCLTPVAEV 180  
Db 121 GDMDSISMTCTSWTAALGMPICLYWMSWQNLTPYQONGITIVCLTPVAEV 180

QY 181 YNYRWPQSKILKIGAVGGVLLWAVAGVVLAKGSNSDITLTISFFPLGLHVT 240  
 Db 181 YNYRWPQSKILKIGAVGGVLLWAVAGVVLAKGSNSDITLTISFFPLGLHVT 240  
 QY 241 GFLALFTHOSWQRCTISLETGQANTCITMQLSFTAHLVOMSLSPPLAYGLOLID 300  
 Db 241 GFLALFTHOSWQRCTISLETGQANTCITMQLSFTAHLVOMSLSPPLAYGLOLID 300  
 QY 301 GFLIVAYAQTYKRLKNGKGKNSCCTEVCHRKSSTSSRETAFLNEHEGAITPGPGRP 360  
 Db 301 GFLIVAYAQTYKRLKNGKGKNSCCTEVCHRKSSTSSRETAFLNEHEGAITPGPGRP 360  
 QY 361 MDCHRALEPVGHITSCE 377  
 Db 361 MDCHRALEPVGHITSCE 377

**RESULT 2**

US-10-091-628-5

; Sequence 5, Application US/10091628  
 ; Patent No. US20020164627A1  
 ; PRIORITY INFORMATION:  
 ; APPLICANT: Wilgański, Nathaniel L.  
 ; APPLICANT: Nepomichy, Boris  
 ; APPLICANT: Burnett, Michael B.  
 ; APPLICANT: Hu, Yi  
 ; TITLE OF INVENTION: No. US20020164627A1 Human Transporter Proteins and Polynucleotides  
 ; FILE REFERENCE: Same  
 ; CURRENT APPLICATION NUMBER: US/10/091,628  
 ; CURRENT FILING DATE: 2002-03-06  
 ; PRIOR APPLICATION NUMBER: US 60/275, 009  
 ; PRIOR FILING DATE: 2001-03-12  
 ; PRIOR APPLICATION NUMBER: US 60/284,152  
 ; PRIOR FILING DATE: 2001-04-17  
 ; NUMBER OF SEQ ID NOS: 6  
 ; SOFTWARE: FastSEQ for Windows Version 4.0  
 ; SEQ ID NO 5  
 ; LENGTH: 438  
 ; TYPE: PRT  
 ; ORGANISM: Homo sapiens  
 ; US-10-091-628-5

Query Match Best Local Similarity 13.6%; Score 268.5; DB 9; Length 335; Matches 76; Conservative 25.7%; Pred. No. 1 3e-16; Mismatches 127; Indels 21; Gaps 7

QY 89 SESLKPVQIAIVLIMGCOPGGTSNITFWWDMDMSITSMITCSTVAALGMPCLIVY 1488  
 Db 100 VQQLPAETAGYIIVGAPGGFSSNVSYLSRQDVALSVMTSISTLAPITPLTU- 157

QY 149 TWMSLQLNLTIPYQNGITW-CLTPVAFQVYVNRWPKSIIKIGAVGGVLL 2077  
 Db 158 --WLAGOYMPMLNAADMAVSIQVVLIPVVGGLVVRLLPP--TLLGVLPPLWISTA 2111

QY 208 VAVAGVVLAKGS---WNSDTIUTISFFPLGLHVTGFLALFTHOSWQRCTISLETG 2633  
 Db 212 ISLIVAVVAGSGDKILEAGLULAAVHTNTGYSIGLAKFQGPAAARTTALEVG 2771

QY 264 ANQIOMCTMQLSFTAHLVOMSLSPFLA-YSLFQLDGFLLVAYQTYKRLKNG 318  
 Db 272 MN-----SGLAAGLASOYMSPSALPGAIWSVWHNLSGALJAALCRASDKRAEK 322

**RESULT 3**

US-09-738-626-4892

; Sequence 4892, Application US/09738626  
 ; Publication No. US20020197605A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: NAKAGAWA, SATOSHI  
 ; APPLICANT: MIZOGUCHI, HIROSHI  
 ; APPLICANT: ANDO, SEIKO  
 ; APPLICANT: OZAKI, AKIO  
 ; APPLICANT: HAYASHI, MIKIRO  
 ; APPLICANT: OCHIAI, KEIKO  
 ; APPLICANT: YOKOI, HARUHIKO  
 ; APPLICANT: TATEISHI, NAOKO  
 ; APPLICANT: SENOH, AKIHIRO  
 ; APPLICANT: IKEDA, MASATO  
 ; APPLICANT: OZAKI, AKIO  
 ; TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES  
 ; CURRENT APPLICATION NUMBER: US/09/738, 626  
 ; CURRENT FILING DATE: 2000-12-18  
 ; PRIORITY INFORMATION:  
 ; PROR. APPLICATION NUMBER: JP 99/177484  
 ; PROR. FILING DATE: 2000-08-03  
 ; NUMBER OF SEQ ID NOS: 7059  
 ; SOFTWARE: Patentin ver. 3.0  
 ; SEQ ID NO 4892  
 ; LENGTH: 335  
 ; TYPE: PRT  
 ; ORGANISM: Corynebacterium glutamicum  
 ; US-09-738-626-4892

Query Match Best Local Similarity 13.6%; Score 268.5; DB 9; Length 335; Matches 76; Conservative 25.7%; Pred. No. 1 3e-16; Mismatches 127; Indels 21; Gaps 7

QY 31 ELVFTVUSTV-MMGLIMFLGCSVERKLWHSIRRWGIAVGLLCQFGLMPTAYLAI 88  
 Db 40 DVVLNLISSWNPNLIGIIMPSMDSLTLPVDFAVAKRLPVLGIVIAQFVIMPLIALVW 99

QY 89 SESLKPVQIAIVLIMGCOPGGTSNITFWWDMDMSITSMITCSTVAALGMPCLIVY 1488  
 Db 100 VQQLPAETAGYIIVGAPGGFSSNVSYLSRQDVALSVMTSISTLAPITPLTU- 157

QY 149 TWMSLQLNLTIPYQNGITW-CLTPVAFQVYVNRWPKSIIKIGAVGGVLL 2077  
 Db 158 --WLAGOYMPMLNAADMAVSIQVVLIPVVGGLVVRLLPP--TLLGVLPPLWISTA 2111

QY 208 VAVAGVVLAKGS---WNSDTIUTISFFPLGLHVTGFLALFTHOSWQRCTISLETG 2633  
 Db 212 ISLIVAVVAGSGDKILEAGLULAAVHTNTGYSIGLAKFQGPAAARTTALEVG 2771

QY 264 ANQIOMCTMQLSFTAHLVOMSLSPFLA-YSLFQLDGFLLVAYQTYKRLKNG 318  
 Db 272 MN-----SGLAAGLASOYMSPSALPGAIWSVWHNLSGALJAALCRASDKRAEK 322

**RESULT 4**

US-09-738-626-6054

; Sequence 6054, Application US/09738626  
 ; Publication No. US20020197605A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: NAKAGAWA, SATOSHI  
 ; APPLICANT: MIZOGUCHI, HIROSHI  
 ; APPLICANT: ANDO, SEIKO  
 ; APPLICANT: HAYASHI, MIKIRO  
 ; APPLICANT: OCHIAI, KEIKO  
 ; APPLICANT: YOKOI, HARUHIKO  
 ; APPLICANT: TATEISHI, NAOKO  
 ; APPLICANT: SENOH, AKIHIRO  
 ; APPLICANT: IKEDA, MASATO  
 ; APPLICANT: OZAKI, AKIO  
 ; TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES  
 ; CURRENT APPLICATION NUMBER: US/09/738, 626  
 ; CURRENT FILING DATE: 2000-12-18  
 ; PRIORITY INFORMATION:  
 ; PROR. APPLICATION NUMBER: JP 99/177484



QY 118 WVDGMDLSISMTCTSTVAAAGMMPLCIVTYWSLQLQNLTPYQNTGITLVCLT---- 173  
Db 114 WPFGEI-----LCKAV----- :|: |: |: |: |: |: |: |: |: |: |: |: |: |:  
QY 145 DRYIVAVCHVKALDFRTPAKAKINICINICIWLASGVGPVNMATRPRDGAVWMLQPS 204  
QY 218 GSWNSD---ITLTISFPLIGHTGFLALLSTHOSWQRCTSLTEGAONIQMC--- 217  
Db 205 PSWYWDVTVKICVFELFAFWPILITVCYQGIMLL-----RLSVERLSSKEKDSLRR 258  
QY 271 ITMQLQSFTAAEHLVQMLSPAYGLFQOLID---GFLIVAYQTKRKLKHNKGNSC 326  
QY 259 ITRMLVWVGAFAWVPHITVWIDRDRPLVTAAL---HICHALGYANSSL 313  
QY 327 TEVCHTRKSTSSRETNAEVNEERGAITP---GPPGMDCHRALKRCPGRDPDSSFSRARETARERVTC 376  
QY 314 NPVLX-----AFDENFKRCFQLCRKGCRGPDPSSFSRARETARERVTC 360

QY QLT 7  
10-039-645-80  
; Sequence 80, Application US/10039645  
; Patent No. US20020147170A1  
; GENERAL INFORMATION:  
; APPLICANT: Kopin, Alan S.  
; APPLICANT: Beinborn, Martin  
; TITLE OF INVENTION: Constitutively Active, Hypersensitive,  
; FILE REFERENCE: 00398/51002  
; CURRENT APPLICATION NUMBER: US10/039, 645  
; CURRENT FILING DATE: 2001-10-25  
; PRIORITY APPLICATION NUMBER: US 60/243, 550  
; PRIORITY FILING DATE: 2000-10-26  
; NUMBER OF SEQ ID NOS: 87  
; SOFTWARE: FastSEQ for Windows Version 4.0  
; SEQ ID NO 80  
; LENGTH: 372  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; US-10-039-645-80

Query Match 5.8%; Score 114; DB 12; Length 372;  
Best Local Similarity 21.3%; Pred. No. 0.021; Matches 89; Conservative 61; Mismatches 150; Indels 118; Gaps 20;

QY 3 ANCSS--SACPANSSEEEELPVGLEVHGMLVELVTVSTWMGMLMSLUGCSVEIRKUWS 60  
QY 17 ANASDAYPSACPSAGANASGPPGARSASSLALAITA-----LYSAVCAV----- 62

QY 61 HIRRPWGIAVGLLCQFGLMPTAYLAIS---FSIKPVAIAVUMLGCPGGTISNITF 117  
Db 63 -----GLIGNVUNIFGIVRYKONTATNIYIFNIALADALATSL---PFOQAKYMET 113

QY 118 WDDDDMDLISIMTTCSTVAAIGMMPLCIVTYWSLQLQNLTPYQNTGITLVCLT--- 173  
Db 114 WPFGEI-----LCKAV----- :|: |: |: |: |: |: |: |: |: |: |: |:  
QY 174 ---IPVAFGV-YWWRWMPKSKII---LKIGAVUGVGLLWAVA---GWUL-----K 217  
QY 145 DRYIVAVCHVKALDFRTPAKAKINICINICIWLASGVGPVNMATRPRDGAVWMLQPS 204  
Db 218 GSWNSD---ITLTISFPLIGHTGFLALLSTHOSWQRCTSLTEGAONIQMC--- 270  
QY 259 ITRMLVWVGAFAWVPHITVWIDRDRPLVTAAL---HICHALGYANSSL 313  
QY 205 PSWYWDVTVKICVFELFAFWPILITVCYQGIMLL-----RLSVERLSSKEKDSLRR 258  
QY 327 TEVCHTRKSTSSRETNAEVNEERGAITP---GPPGMDCHRALKRCPGRDPDSSFSRARETARERVTC 376

QY QLT 8  
US-09-935-799A-2  
; Sequence 2, Application US/09935799A  
; Patent No. US20020137912A1  
; GENERAL INFORMATION:  
; APPLICANT: MOCKEL, Bettina, et al.  
; TITLE OF INVENTION: NUCLEOTIDE SEQUENCES WHICH CODE FOR THE csta GENE  
; FILE REFERENCE: 032301 WD 195  
; CURRENT APPLICATION NUMBER: US/09/935, 799A  
; CURRENT FILING DATE: 2002-02-07  
; NUMBER OF SEQ ID NOS: 7  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 5  
; LENGTH: 772  
; TYPE: PRT  
; ORGANISM: Corynebacterium glutamicum  
; US-09-935-799A-2

QY QLT 9  
US-09-935-799A-5  
; Sequence 5, Application US/09935799A  
; Patent No. US20020137912A1  
; GENERAL INFORMATION:  
; APPLICANT: MOCKEL, Bettina, et al.  
; TITLE OF INVENTION: NUCLEOTIDE SEQUENCES WHICH CODE FOR THE csta GENE  
; FILE REFERENCE: 032301 WD 195  
; CURRENT APPLICATION NUMBER: US/09/935, 799A  
; CURRENT FILING DATE: 2002-02-07  
; NUMBER OF SEQ ID NOS: 7  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 5  
; LENGTH: 772  
; TYPE: PRT  
; ORGANISM: Corynebacterium glutamicum  
; US-09-935-799A-5

Query Match 5.7%; Score 113.5; DB 10; Length 772;  
Best Local Similarity 20.2%; Pred. No. 0.059; Matches 64; Conservative 44; Mismatches 90; Indels 119; Gaps 14;

RESULT 10  
 US-09-738-626-6866  
 ; Sequence 6866, Application US/09738626  
 ; Publication No. US20020197605A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: NAKAGAWA, SATOSHI  
 ; APPLICANT: MIZOGUCHI, HIROSHI  
 ; APPLICANT: ANDO, SEIKO  
 ; APPLICANT: OCHIAI, KEIKO  
 ; APPLICANT: YOKOI, HARUHICO  
 ; APPLICANT: TATEISHI, NAOKO  
 ; APPLICANT: SENOH, AKIHIRO  
 ; APPLICANT: IKEDA, MASATO  
 ; TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES  
 ; CURRENT APPLICATION NUMBER: US/09/738 626  
 ; CURRENT FILING DATE: 2000-12-18  
 ; PRIOR APPLICATION NUMBER: JP 99/377484  
 ; PRIOR FILING DATE: 1999-12-16  
 ; PRIOR APPLICATION NUMBER: JP 00/159162  
 ; PRIOR FILING DATE: 2000-04-07  
 ; PRIOR APPLICATION NUMBER: JP 00/280988  
 ; PRIOR FILING DATE: 2000-08-03  
 ; NUMBER OF SEQ ID NOS: 117  
 ; SOFTWARE: PatentIn ver. 3.0  
 ; SEQ ID NO: 6866  
 ; LENGTH: 324  
 ; TYPE: PRT  
 ; ORGANISM: Homo sapiens  
 ; US-09-529-063-73

Query Match 5.3%; Score 105; DB 9; Length 324;  
 Best Local Similarity 20.3%; Pred. No. 0.12; Matches 59; Conservative 55; Mismatches 119; Indels 58; Gaps 13;

Query Match 5.3%; Score 105; DB 9; Length 324;  
 Best Local Similarity 20.3%; Pred. No. 0.12; Matches 59; Conservative 55; Mismatches 119; Indels 58; Gaps 13;

Query 34 FTWVSTMMGJIMPSLGCSETRKLWHRPGLAVGLC-QFGIMPFTAYLLAISFSL 92  
 Query 35 FDVAVKHAIAILFLFLGARLSQEAALNGKHL-WRLHILTILATFGFPL--IGIGL 87  
 Query 93 KPVQAT----AVLIMGCPCGGTISNI-TFWWDQDMMDISIMWTCTVALGMPLC 144  
 Query 145 IYLYTWSLSDONTLPYQNTGITYLTLTIPAFGVVYVNYWPQ----SKILLIGA 198  
 Query 148 VMLI---MSAGGGVHVNSQVFDIATQQLLPTLG-QVCRNWNFAANKTKIVR-- 200

RESULT 11  
 US-09-529-063-73  
 ; Sequence 73, Application US/09529063  
 ; Patent No. US20020102542A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: FUKUSHIMA, DAIKICHI  
 ; APPLICANT: SHIBAYAMA, SHIRO  
 ; APPLICANT: TADA, HIDAKI  
 ; TITLE OF INVENTION: POLYPEPTIDE, cDNA ENCODING THE POLYPEPTIDE, AND USE OF  
 ; FILE REFERENCE: 058769  
 ; CURRENT APPLICATION NUMBER: US/09/529, 063  
 ; CURRENT FILING DATE: 2000-04-07  
 ; PRIOR APPLICATION NUMBER: PCT/JP98/04514  
 ; PRIOR FILING DATE: 1998-10-06  
 ; PRIOR APPLICATION NUMBER: JP 9-274674  
 ; PRIOR FILING DATE: 1997-10-07  
 ; NUMBER OF SEQ ID NOS: 117  
 ; SOFTWARE: PatentIn. Ver. 2.1  
 ; SEQ ID NO: 73  
 ; LENGTH: 687  
 ; TYPE: PRT  
 ; ORGANISM: Homo sapiens  
 ; US-09-529-063-73

Query Match 5.3%; Score 104.5; DB 10; Length 687;  
 Best Local Similarity 23.4%; Pred. No. 0.34; Matches 78; Conservative 35; Mismatches 126; Indels 95; Gaps 15;

Query 42 MGLLMFSLGGSVEIRKWLWHRPGLAVGLCQPGIMPFTAYLLAISFSIKPVQIAVL 101  
 Query 409 VGCVUNSLACALCIVSIAYLCRRKPRDYTIKV--HWNLL-LAVEFLDTSFUSEPVALTG 465  
 Query 102 IMGCCPGGTISNIFPFWDGMDLSDISMWTCTVALGMPLCIVYTWSLSQONLTIP 161  
 Query 466 EAGC--RASAIF----LHSFLJC-----LSWGLE---- 490  
 Query 162 YONIGITLVCITIPAVFGVTVNVRPKSQKILTKGAVVGGV-LILIVAYA----- 211  
 Query 491 ---GYNLKRVIVVEV-FGTV----PSYLKUSAMGWGPFPILVTVLVALVDNYGP 538  
 Query 212 -----GWVLKGNSWSD--ITLTISFIRPLIGHTGFLALFTOSHOSWRCCRTIS 259  
 Query 539 IILAVHRTPEGVYPSMCWIRDLSVSYITNGLFLSFLFENMAMLATMVQ----ILR 592  
 Query 260 LETGAONIQMCTMQLSFRAEHLVOMLSPLAYLQLI-----DGELIVAY 308  
 Query 593 LRPHTKWSWLTLLGSLSVLGWLWTFASCPQLWVLYPSITSFQGFLFIFY 652  
 Query 653 --WSKRLQARGGSPSIKSNSDARPISSGSS 684

RESULT 12  
 US-09-738-626-6200  
 ; Sequence 6200, Application US/09738626  
 ; GENERAL INFORMATION:  
 ; Publication No. US20020197605A1  
 ; APPLICANT: NAKAGAWA, SATOSHI  
 ; APPLICANT: MIZOGUCHI, HIROSHI  
 ; APPLICANT: ANDO, SEIKO  
 ; APPLICANT: OCHIAI, KEIKO  
 ; APPLICANT: YOKOI, HARUHICO

Query 199 VVGGVLLLWAVAGVVLAKGSWNSDITLITISFIPP---LIGHTGFLALFHQSQR 254  
 Query 201 --GSTAMWVVSAFSAGM--VAGM--SVRSVBLIYLIVEAFLVUMAMLFVTFMTRIGENR 257  
 Query 255 CRTSIE-----TGAONIQMCTMLOLSFTABHLVOML 287  
 Query 258 ADSIAIQFCGTTKSLATGLPMAAVIFGGGANIGLLILPLMF---HQVQLM 304

APPLICANT: YOKOI, HARUHIKO  
 APPLICANT: TATEISHI, NAOKO  
 APPLICANT: SENOH, AKIHIRO  
 APPLICANT: IKEDA, MASATO  
 APPLICANT: OZAKI, AKIO  
 TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES  
 FILE REFERENCE: 249-125  
 CURRENT APPLICATION NUMBER: US/09/738, 626  
 CURRENT FILING DATE: 2000-12-18  
 PRIOR APPLICATION NUMBER: JP 99/377484  
 PRIOR FILING DATE: 1998-12-16  
 PRIOR APPLICATION NUMBER: JP 00/159162  
 PRIOR FILING DATE: 2000-04-07  
 PRIOR APPLICATION NUMBER: JP 00/280988  
 PRIOR FILING DATE: 2000-08-03  
 NUMBER OF SEQ ID NOS: 7059  
 SOFTWARE: PatentIn ver. 3.0  
 SEQ ID NO 6200  
 LENGTH: 304  
 TYPE: PRT  
 ORGANISM: Corynebacterium glutamicum  
 09-738-626-6200

Query Match 5.2%; Score 103.5; DB 9; Length 304;  
 Best Local Similarity 22.5%; Pred. No. 0.15; Mismatches 71; Indels 79; Gaps 14;  
 Matches 54; Conservative 36; Mismatches 71; Indels 79; Gaps 14;

Qy 18 EELPVGLERVHGNLE----LVEPVVUSTVMGMLMFSLGCSVETRKL---WS----- 60  
 Db 82 ENPMVGLTRQGFDEATLWSFITSILSVIV--IVFFSAMTAVVYITRKWVWNLVYFLRV 139  
 Qy 61 ----- 260 ILSLVICLILIBATWSRVVMEISTWRCVUNIAVSLTANWFILGSFHNIKAQDYNM 319  
 Db 140 SMТИPQONWMPTVKIADMHLNNPMPIGIVW-IYLGFSGSGLSYFMFAGPVKSIPLDVE- 196

Qy 97 ARAVLIMCCCGTISNIF-TFWGDGMDSIMTGSTVALGMMPLCIVLYTWSMSLQ 155  
 Db 197 --AAMIDGC--GPLQNYFRVW-----PMLKPTAATVATINAM-----WVN-- 234

Qy 156 QNLITPYONIGITVCLTIPVAFGVVYNNRWPKQSKTILKIGAVVGVLVLAVALV 215  
 Db 235 -DYLPLIVLIVGISTRKVTKIPVIVQSFVGSNGRDT----GAMMA--MVLVAIPIVI 284

Qy 97 ARAVLIMCCCGTISNIF-TFWGDGMDSIMTGSTVALGMMPLCIVLYTWSMSLQ 155  
 Db 197 --AAMIDGC--GPLQNYFRVW-----PMLKPTAATVATINAM-----WVN-- 234

Qy 156 QNLITPYONIGITVCLTIPVAFGVVYNNRWPKQSKTILKIGAVVGVLVLAVALV 215  
 Db 235 -DYLPLIVLIVGISTRKVTKIPVIVQSFVGSNGRDT----GAMMA--MVLVAIPIVI 284

RESULT 13  
 US-10-120-604-100  
 ; Sequence 100:, Application US/10120604  
 ; Publication No. US20030096347A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Bristol-Myers Squibb Company  
 ; TITLE OF INVENTION: POLYNUCLEOTIDES ENCODING TWO NOVEL HUMAN G-PROTEIN COUPLED RECEPTOR  
 ; FILE REFERENCE: D0143NP  
 ; CURRENT APPLICATION NUMBER: US/10/120, 604  
 ; CURRENT FILING DATE: 2002-04-11  
 ; PRIOR APPLICATION NUMBER: US 60/283, 145  
 ; PRIOR FILING DATE: 2001-04-11  
 ; PRIOR APPLICATION NUMBER: US 60/283, 161  
 ; PRIOR FILING DATE: 2001-04-11  
 ; PRIOR APPLICATION NUMBER: US 60/288, 468  
 ; PRIOR FILING DATE: 2001-05-03  
 ; PRIOR APPLICATION NUMBER: US 60/300, 619  
 ; PRIOR FILING DATE: 2001-06-25  
 ; NUMBER OF SEQ ID NOS: 226  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO 6  
 ; LENGTH: 687  
 ; TYPE: PRT  
 ; ORGANISM: Homo sapiens  
 US-10-120-604-6

Query Match 5.2%; Score 103.5; DB 9; Length 687;  
 Best Local Similarity 23.4%; Pred. No. 0.42; Mismatches 78; Conservative 35; Mismatches 126; Indels 95; Gaps 15;

Qy 42 MGLMPSLGCSVETRKLSHIRRPGLAVGLCQFGLMPFTAYLALISFSKPVQIAVL 101  
 Db 409 VGCVNSALACUTIAALCCSRKRPROTYIK--HMML-LAVFLUDTSPLSEPVALTGS 465

Qy 102 TMGCCCGTISNIFTFWGDGMDSIMTGSTVALGMMPLCIVLYTWSMSLQNLITP 161  
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Query Match 5.2%; Score 103.5; DB 9; Length 557;  
 Best Local Similarity 16.5%; Pred. No. 0.32; Length 557;

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LT 15
10-011-370-2
; Sequence 2, Application US/10011370
; PATENT NO. US20020151704A1
; GENERAL INFORMATION:
; APPLICANT: Borowsky, Beth E.
; APPLICANT: Ogozalek, Kristine L.
; APPLICANT: Kyaw, Hla
; APPLICANT: Patirana, Marie Sudam
; APPLICANT: Smith, Keili E.
; TITLE OF INVENTION: DNA Encoding Orphan SNORF10 Receptor
; FILE REFERENCE: 5898
; CURRENT APPLICATION NUMBER: US/10/011,370
; CURRENT FILING DATE: 2001-10-22
; PRIORITY APPLICATION NUMBER: US/09/286 ,085
; PRIORITY FILING DATE: 1999-04-05
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: PatentIn Ver. 2.0 - beta
; SEQ-ID NO 2
; LENGTH: 687
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-011-370-2

Query Match . 5.2%; Score 103.5; DB 12
Best Local Similarity 23.4%; Pred. No. 0.42;
Matches 78; Conservative 35; Mismatches 126;
Db 42 MGILMMSLIGCSVEIRKLUWSHIRPFWGIAVGLLCQFGLMW
409 VGCVVVSAALACLVTAIYCLCSRKRDPYTIKV-HMNLL
Db 102 IMGCCCGGTISNIFFWGDGMDLSISMTCSTVAALGIC
466 EAGC---RASAIF-----LHFSLITC-----
Db 162 YQNIGITLNCLTIPVAFGVYNNWRPKOSKIIKIGAVV
491 ---GYNLRYLVEV-FGTIV-----PGYLXLSAMO
Db 212 -----GVVLAKGSWNSD--ITLTLISFTPLIGH
Db 539 IILAVHRTPEGVYIYPSKMWIRDLSLVSYTINLGLSLVFLF
Db 260 LETGAANIQMCTMLQLQSFTAELIQWQMSFPLAYGLFQ
593 LRPHPTOKWSHVHTLGLSILVGLFWALIFFSAGTFQ
Db 309 QTYKRLKNKHG--KKNNSGCTEVCHRKSTS 338
Db 653 -WSMRDQARGSPSPLKNSDSARLPISSGSTS 684

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Search completed: June 9, 2003, 07:13:17  
Job time : 146 secs

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